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SEQUENCE LISTING

<110> Bayer AG, BHC

<120> Isolated fluorescent protein CGFP and use thereof

<130> Le A 36 493

<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 708

<212> DNA

<213> Clytia gregaria

<400> 1

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<210> 2

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<212> PRT

<213> Clytia gregaria

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Lys Gly Glu Gly Thr Gly Asp Ala Thr Thr Gly Thr Ile Lys Ala Lys
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SEQUENCE LISTING

<110> Bayer HealthCare AG
Golz, Stefan
Markova, Svetlana
Burakova, Ludmila
Frank, Ludmila
Vysotski, Eugene

<120> ISOLATED FLUORESCENT PROTEIN FROM CLYTIA GREGARIA (CGFP) AND USE THEREOF

<130> LeA 36 493

<150> PCT/EP2003/013281

<151> 2003-11-26

<150> DE 102 57 354.9

<151> 2002-12-09

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<170> PatentIn version 3.3

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<212> DNA

<213> Clytia gregaria

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<210> 2

<211> 235

<212> PRT

<213> Clytia gregaria

<400> 2

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Met Thr Ala Leu Thr Glu Gly Ala Lys Leu Phe Glu Lys Glu Ile Pro
1           5           10           15
```

```
Tyr Ile Thr Glu Leu Glu Gly Asp Val Glu Gly Met Lys Phe Ile Ile
20           25           30
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Lys Gly Glu Gly Thr Gly Asp Ala Thr Thr Gly Thr Ile Lys Ala Lys
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Tyr Ile Cys Thr Thr Gly Asp Leu Pro Val Pro Trp Ala Thr Ile Leu
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Ser Ser Leu Ser Tyr Gly Val Phe Cys Phe Ala Lys Tyr Pro Arg His
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Ile Ala Asp Phe Phe Lys Ser Thr Gln Pro Asp Gly Tyr Ser Gln Asp
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Arg Ile Ile Ser Phe Asp Asn Asp Gly Gln Tyr Asp Val Lys Ala Lys
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Val Thr Tyr Glu Asn Gly Thr Leu Tyr Asn Arg Val Thr Val Lys Gly
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Glu Glu Asp Tyr Pro Leu Tyr His His Leu Thr Val Trp Thr Ser Phe
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Val Ile Lys Ala Val Asp Leu Glu Thr Tyr Arg
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